

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of

THE APPLICATION OF THE POND CREEK WATER )  
DISTRICT, A WATER DISTRICT ORGANIZED )  
PURSUANT TO CHAPTER 74 OF THE KENTUCKY )  
REVISED STATUTES, OF PIKE COUNTY, )  
KENTUCKY, FOR (1) A CERTIFICATE OF )  
PUBLIC CONVENIENCE AND NECESSITY, )  
AUTHORIZING AND PERMITTING SAID WATER )  
DISTRICT TO CONSTRUCT EXTENSIONS, )  
ADDITIONS, AND IMPROVEMENTS TO THE )  
EXISTING FACILITIES OWNED AND OPERATED )  
BY THE DISTRICT; (2) APPROVAL OF THE )  
PROPOSED PLAN OF FINANCING OF SAID )  
PROJECT; AND (3) APPROVAL OF THE WATER )  
RATES PROPOSED TO BE CHARGED BY THE )  
DISTRICT TO CUSTOMERS OF THE DISTRICT. )

CASE NO.  
8979

O R D E R

IT IS ORDERED That Pond Creek Water District shall file an original and eight copies of the following information with the Commission by March 23, 1984:

Filing Deficiencies:

1. A schedule of the present rates in effect and the changes which it is desired to make, shown in comparative form, as per 807 KAR 5:001, Section 9(1)(b).

2. A statement setting forth an estimate of the effect that the new rate or rates will have upon the revenues of the utility, the total amount of money resulting from the increase or decrease, the percentage of increase or decrease, and the effect upon average consumer bills, 807 KAR 5:001, Section 9(1)(e).

3. An analysis of customers' bills in such detail that the revenues from the present and proposed rates can be readily determined as per 807 KAR 5:001, Section 9(2)(b). See Attachment A for sample billing analysis.

4. Provide information set forth in Attachment B.

IT IS FURTHER ORDERED That in the event the above information is not timely filed, the Commission may dismiss the case without prejudice absent a Motion for Extension of Time for good cause.

Done at Frankfort, Kentucky, this 6th day of March, 1984.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

\_\_\_\_\_  
Secretary

~~APPENDIX B~~

APPENDIX TO AN ORDER OF THE PUBLIC SERVICE  
COMMISSION IN CASE NO. 8775 DATED

BILLING ANALYSIS

The billing analysis is the chart reflecting the usage by the customers as well as the revenue generated by a specific level of rates. A billing analysis of both the current and proposed rates is mandatory for analysis of a rate filing. The following is a step-by-step description which may be used to complete the billing analysis. A completed sample of a billing analysis is also included.

a. Usage Table (Usage by Rate Increment)

Information needed to complete the usage table should be obtained from the meter books or other available usage records. The usage table is used to spread total usage into the proper incremental rate step. Initial recording of usage should be in 100 gallon increments. Where there are only a few very large users or contract customers, actual usage should be used. Usage between 0-100 gallons should be shown as 100, between 101-200 as 200, etc. The usages and customers are then combined for purposes of the usage table as follows:

Column No. 1 is the incremental steps in the present or proposed rate schedule for which the analysis is being made. Column No. 2 is the number of bills in each incremental rate step. Column No. 3 is the total gallons used in each incremental rate step. Columns Nos. 4, 5, 6, 7, 8 and 9 are labeled to correspond to the incremental rate steps shown in Column No. 1 and contains the actual number of gallons used in each incremental rate step.

Example for completing Usage Table is as follows:

Column No. 1 is incremental rate steps.

Columns No. 2 and 3 are completed by using information obtained from usage records.

Columns No. 4, 5, 6, 7, 8, and 9 are completed by the following steps:

Step 1: 1st 2,000 gallons minimum bill rate level  
432 Bills  
518,400 gallons used  
All bills use 2,000 gallons or less,  
therefore, all usage is recorded in  
Column 4.

Step 2: Next 3,000 gallons rate level  
 1,735 Bills  
 4,858,000 gallons used  
 1st 2,000 minimum x 1,735 bills = 3,470,000  
 gallons - record in Column 4  
 Next 3,000 gallons - remainder of water over  
 2,000 = 1,388,000 - record in Column 5

Step 3: Next 10,000 gallons rate level  
 1,830 Bills  
 16,268,700 gallons used  
 1st 2,000 minimum x 1,830 bills = 3,660,000  
 gallons - record in Column 4  
 Next 3,000 gallons x 1,830 bills = 5,490,000  
 gallons - record in Column 5  
 Next 10,000 gallons - remainder of water over  
 3,000 = 7,118,700 gallons - record in  
 Column 6

Step 4: Next 25,000 gallons rate level  
 650 bills  
 15,275,000 gallons used  
 1st 2,000 minimum x 650 bills = 1,300,000  
 gallons record in Column 4  
 Next 3,000 gallons x 650 bills = 1,950,000  
 gallons record in Column 5  
 Next 10,000 gallons x 650 bills = 6,500,000  
 gallons - record in Column 6  
 Next 25,000 gallons - remainder of water over  
 10,000 gallons = 5,525,000 gallons - record  
 in Column 7

Step 5: Over 40,000 gallons rate level  
 153 bills  
 9,975,600 gallons used  
 1st 2,000 minimum x 153 bills = 306,000  
 gallons - record in Column 4  
 Next 3,000 gallons x 153 bills = 459,000  
 gallons - record in Column 5  
 Next 10,000 gallons x 153 bills = 1,530,000  
 gallons - record in Column 6  
 Next 25,000 gallons x 153 bills = 3,825,000  
 gallons - record in Column 7  
 Over 40,000 gallons - remainder of water over  
 25,000 = 3,855,600 gallons - record in  
 Column 8

Step 6: Total each column for transfer to Revenue  
 Table.

b. Revenue Table (Revenue by Rate Increment)

Revenue Table is used to determine the revenue produced from the Usage Table. Column No. 1 is the incremental rate steps in the rate schedule for which the analysis is being made. Column No. 2 indicates the total number of bills. Column No. 3 is the number of gallons accumulated in each rate increment (Totals from Columns 4, 5, 6, 7 and 8 of the above usage table). Column No. 4 is the rates to be used in determining revenue. Column No. 5 contains revenue produced.

Example for completing Revenue Table is as follows:

Complete Columns no. 1, 2 and 3 using information from Usage Table.

Complete Column No. 4 using rate either present or proposed.

Column No. 5 is completed by first multiplying the bills times the minimum charge.

Then, starting with the second rate increment, multiply Column No. 3 by Column No. 4 and total.



Filing Requirements for General Rate Increase

1. Financial exhibit covering a 12-month period ending within 90 days of application date which includes, if applicable:
  - A. Amount and kinds of stock authorized
  - B. Amount and kinds of stock issued and outstanding
  - C. Terms of preference of preferred stock
  - D. Brief description of each mortgage on property of applicant
  - E. Amount of bonds authorized and amount issued
  - F. Description of each note outstanding
  - G. Description of any other indebtedness
  - H. Rate and amount of dividends paid during last 5 years
  - I. Detailed income statement and balance sheet
- ~~2. Comparison of present and proposed rates and charges.~~
3. Description of applicant's property, including original cost if known.
4. A statement in full as to why the increased is required.
- ~~5. A statement setting out the effect new rates will have on the revenues of the utility which includes:~~
  - ~~A. The total amount of money resulting from the increase~~
  - ~~B. The percentage of increase~~
  - ~~C. The effect on the average consumer's bill~~
- ~~6. Certification that the applicant's annual reports are on file with the Commission.~~
7. Total amount of interest charged to construction, if any.
- ~~8. A billing analysis.~~
9. Details of any apportionments used.
10. Monthly revenues and operating expenses.

Reference 807 KAR 5:001, Sections 6 and 9.